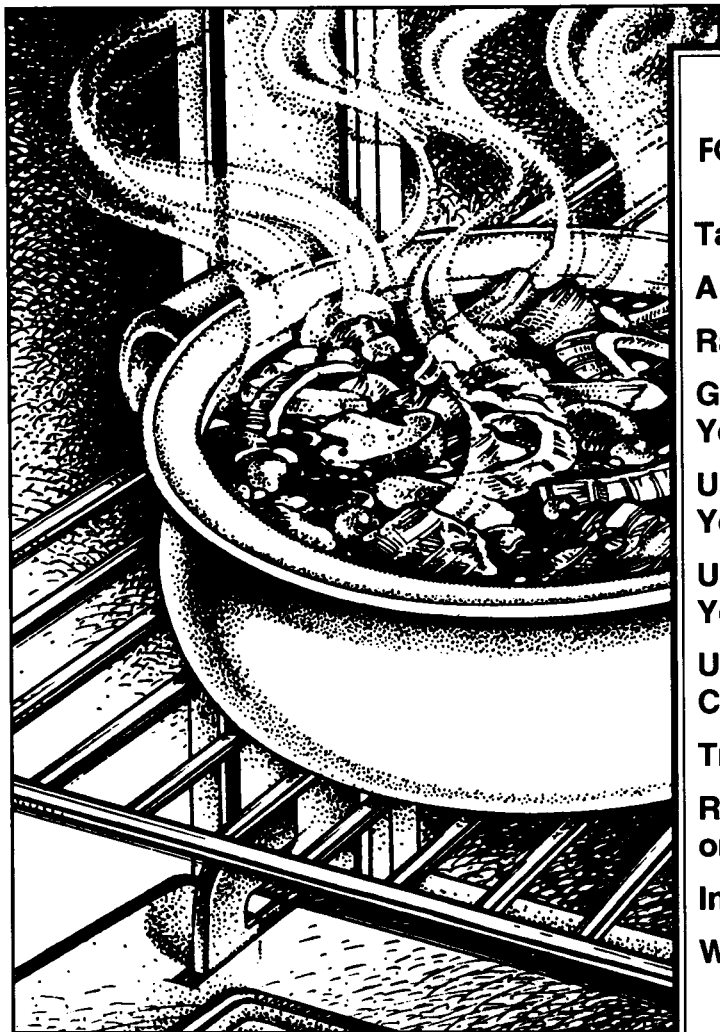


# Use and Care Guide



**TO THE INSTALLER: PLEASE LEAVE THIS INSTRUCTION BOOK WITH THE UNIT.**

**TO THE CONSUMER: PLEASE READ AND KEEP THIS BOOK FOR FUTURE REFERENCE.**

## **KitchenAid®**

**FOR THE WAY IT'S MADE.™**

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**1-800-422-1230**

Call us with questions  
or comments.

**KITCHENAID®**  
**Gas Freestanding**  
**and Slide-In Ranges**

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# A Note to You

*Thank you* for buying a KITCHENAID® appliance!

KitchenAid designs the best tools for the most important room in your house. To ensure that you enjoy many years of trouble-free operation, we developed this Use and Care Guide. It contains valuable information concerning how to operate and maintain your new appliance properly and safely. Please read it carefully.

Also, please complete and mail the enclosed Product Registration Card.

## Please record your model's information.

Whenever you call our Consumer Assistance Center at **1-800-422-1230** or request service for your appliance, you need to know your complete model number and serial number. You can find this information on the model and serial number plate (see diagrams on pages 8 and 9 for location of plate). Please also record the purchase information.

**NOTE:** You must provide proof of purchase or installation date for in-warranty service.

**Keep this book and the sales slip together in a safe place for future reference.**

**Model Number** \_\_\_\_\_

**Serial Number** \_\_\_\_\_

**Purchase/  
Installation Date** \_\_\_\_\_

**Builder/Dealer  
Name** \_\_\_\_\_

**Address** \_\_\_\_\_

**Phone** \_\_\_\_\_

# Range Safety

## Your safety is important to us.

This guide contains safety symbols and statements. Please pay special attention to these symbols and follow any instructions given. Here is a brief explanation of the use of the symbol.



This symbol alerts you to hazards such as fire, electrical shock, or other injuries.



## **! WARNING**

### **Tip Over Hazard**

**Connect anti-tip bracket to the range.**  
**Reconnect anti-tip bracket, if the range is moved.**  
**Do not push down on the open oven door.**  
**Follow the Installation Instructions.**  
**Do not let children climb onto the oven door.**  
**Failure to follow these instructions can result in death, burns, or other injury.**

## **IMPORTANT SAFETY INSTRUCTIONS**

### **READ AND SAVE THESE INSTRUCTIONS**

Gas ranges have been thoroughly tested for safe and efficient operation. However, as with any appliance, there are specific installation and safety precautions which must be followed to ensure safe and satisfactory operation.

**WARNING: If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.**

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.**
- WHAT TO DO IF YOU SMELL GAS:**
  - Do not try to light any appliance.**
  - Do not touch any electrical switch; do not use any phone in your building.**
  - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
  - If you cannot reach your gas supplier, call the fire department.**
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.**

## General

- Install or locate the range only in accordance with the provided Installation Instructions. The range must be installed by a qualified installer. The range must be properly connected to the proper gas supply and checked for leaks. The range must also be properly connected to electrical supply and grounded.
- Gas fuels and their use in appliances could cause minor exposures to benzene, formaldehyde, carbon monoxide, and soot, primarily from incomplete combustion. Significant exposure to these substances could cause cancer or reproductive harm. Properly adjusted burners with a blue, rather than a yellow, flame will minimize incomplete combustion. Venting with a hood or an open window will further minimize exposure.
- **WARNING:** To reduce the risk of tipping the appliance, the appliance must be secured by a properly installed anti-tip bracket. To check if the bracket is installed properly, see "The anti-tip bracket" on page 11.
- **CAUTION:** Do not store things children might want above the range. Children could be burned or injured while climbing on it.
- Do not leave children alone or unattended in area where the range is in use. They should never be allowed to sit or stand on any part of the range. They could be burned or injured.
- Do not operate the range if it is damaged or not working properly.
- Do not use the range for warming or heating the room. Persons could be burned or injured, or a fire could start.

- Do not attempt to light the oven burner during a power failure. Personal injury could result. Reset oven controls to the off position in the event of a power failure.
- Use the range only for its intended use as described in this manual.



- Do not touch surface burners, areas near burners, or interior surfaces of oven. Areas near surface burners and interior surfaces of an oven become hot enough to cause burns. During and after use, do not touch, or let clothing or other flammable materials contact surface burners, areas near burners, or interior surfaces of oven until they have had sufficient time to cool. Other surfaces of the range, such as the oven vent opening, the surface near the vent opening, the cooktop, and the oven door and window, could also become hot enough to cause burns.



- Do not wear loose or hanging garments when using the range. They could ignite if they touch an open flame and you could be burned.

continued on next page

- Use only dry pot holders. Moist or damp pot holders on hot surfaces could result in burns from steam. Do not let pot holder touch an open flame. Do not use a towel or bulky cloth for a pot holder. It could catch on fire.
- Keep range vents unobstructed.
- Do not heat unopened containers. They could explode. The hot contents could cause burns and container particles could cause injury.
- Use only cookware approved for oven use. Follow cookware manufacturer's instructions, especially when using glass or plastic cookware.
- Do not store flammable materials on or near the range. The fumes could create an explosion and/or fire hazard.
- Do not use the oven for storage.
- Do not use aluminum foil to line area around surface burner, oven bottom, or any other part of the range. Use aluminum foil only as recommended in this manual.
- Do not repair or replace any part of the range unless specifically recommended in this manual. All other servicing should be referred to a qualified technician.
- Any additions, changes, or conversions required in order for this appliance to satisfactorily meet the application needs must be made by a KitchenAid servicer or Qualified Agency.
- Disconnect the electrical supply and the gas supply at the shutoff valve near range before servicing the range.
- Check to be sure glass cookware is safe for use on the range. Only certain types of glass, glass-ceramic, ceramic, earthenware, or other glazed cookware are suitable for cooktops without breaking due to the sudden change in temperature.
- Never leave surface burners unattended at high heat settings. A boilover could result and cause smoking and greasy spillovers that could ignite.



- Turn pan handles inward, but not over other surface burners. This will help reduce the chance of burns, igniting of flammable materials, and spills due to bumping of the pan.
- Do not use decorative covers or trivets over the surface burners.
- Grease is flammable. Do not allow grease to collect around cooktop or in vent. Wipe spillovers immediately.



- Do not use water on grease fires. Never pick up a flaming pan. Smother flaming pan on range by covering with a well fitting lid, cookie sheet, or flat tray. Flaming grease outside of pan can be extinguished with baking soda or, if available, a multipurpose dry chemical or foam-type extinguisher.

## When using the cooktop

- Make sure the cookware you use is large enough to contain food and avoid boilovers and spillovers. Heavy splattering or spillovers left on a cooktop could ignite and burn you. Pan size is especially important in deep fat frying.



- Never use a match or other flame to look for a gas leak. Explosion and injury could result.
- Know where your main gas shutoff valve is located.



### **When using the oven**

- Always position oven rack(s) in desired location while oven is cool.
- Use care when opening oven door. Let hot air or steam escape before removing or replacing food.
- Small amounts of formaldehyde and carbon monoxide are given off in the Self-Cleaning cycle from fiberglass insulation and food decomposition. Significant exposure to these substances could cause cancer or reproductive harm. Exposure can be minimized by venting with a hood or open window and wiping out excess food spills prior to self-cleaning.
- Do not use oven cleaners. No commercial oven cleaner or oven liner protective coating of any kind should be used in or around any part of the oven.
- Before self-cleaning the oven, remove broiler pan, broiler grid, oven racks, and other cookware. Do not use your oven to clean miscellaneous parts unless you are instructed to do so in this Use and Care Guide.
- Do not clean door gasket. It is essential for a good seal. Care should be taken not to rub, damage, or move the gasket. Clean only parts recommended in this Use and Care Guide.

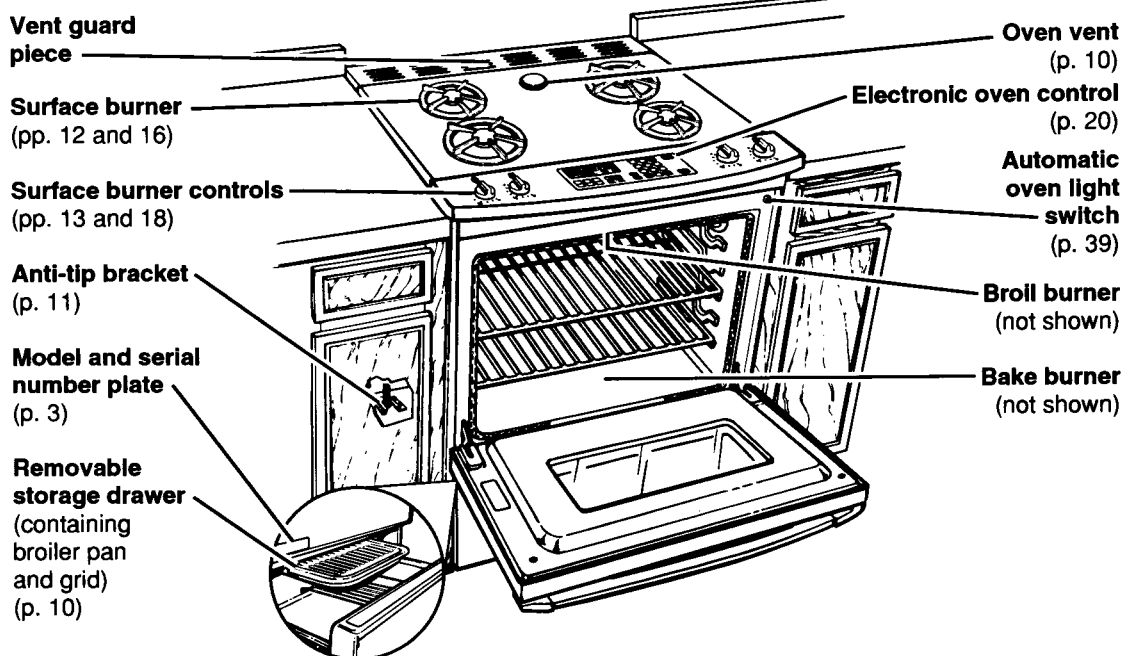
**– SAVE THESE INSTRUCTIONS –**

# Getting to Know Your Range

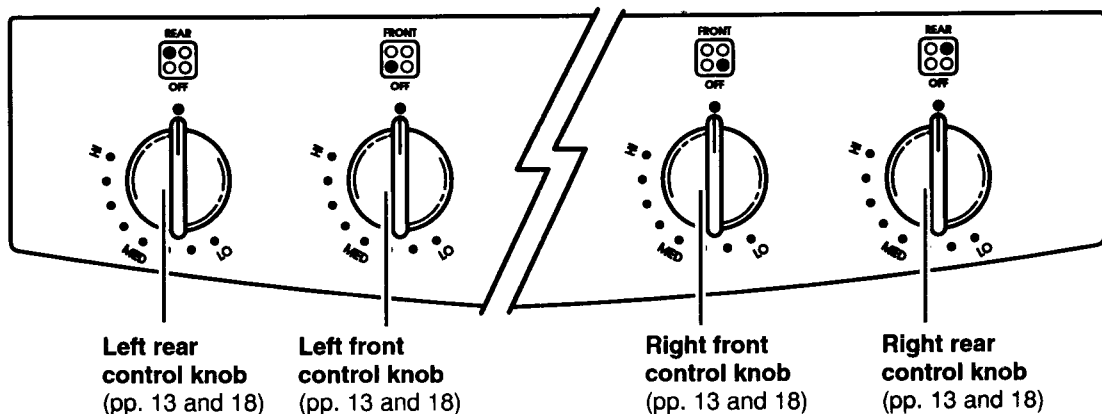
This section tells you what features your range has and where they are located. It also discusses some convenience features that you should know about, but which are not needed to operate the range. Please review this information before using your range. To help you find information on specific parts or features quickly, page references are included.

## Feature locations

### Model KGST300B

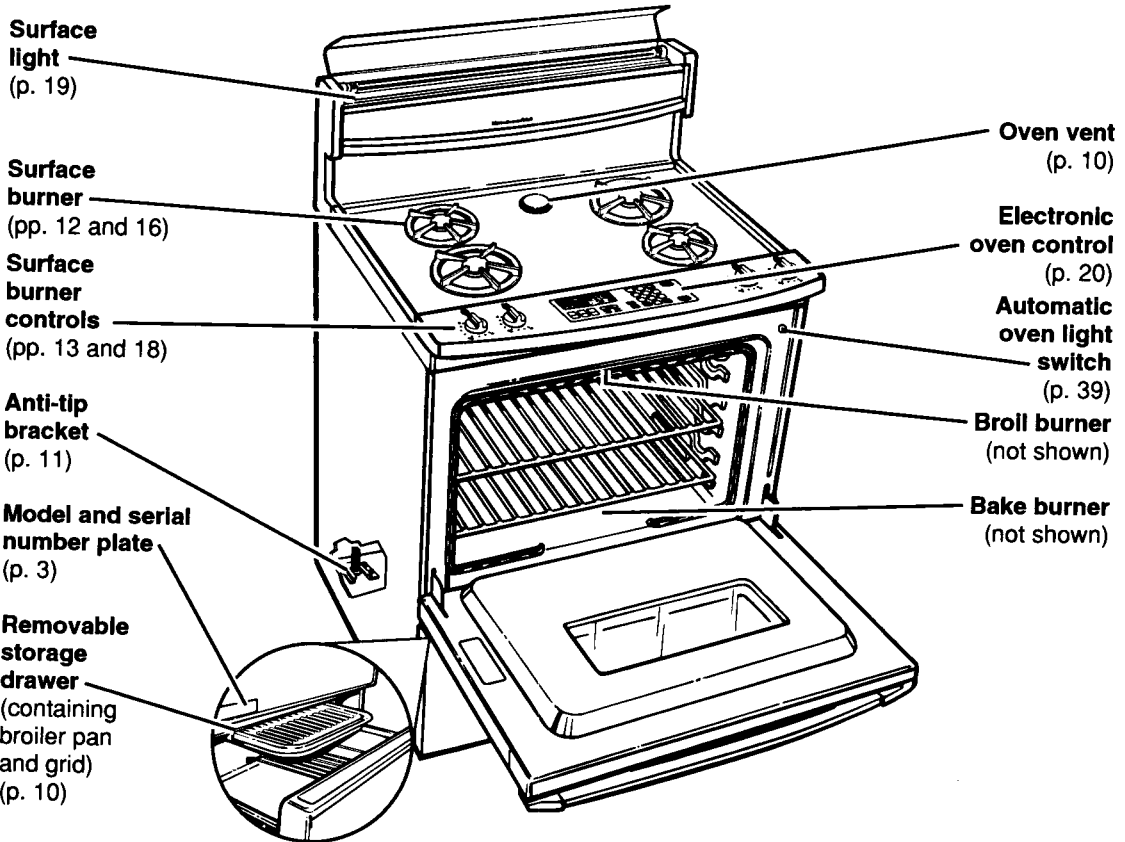


## Surface burner controls

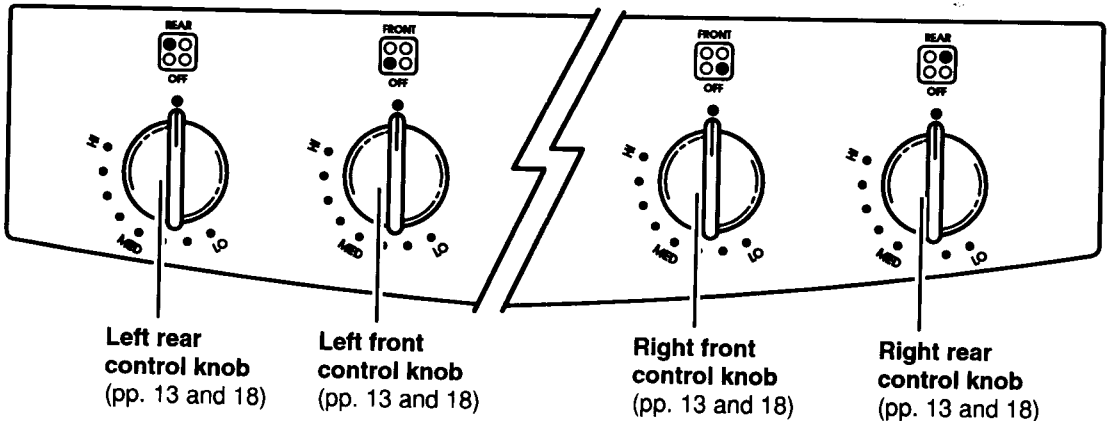




## Model KGRT500B

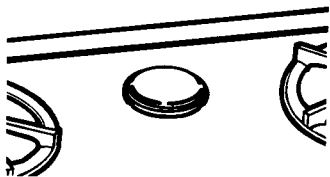


## Surface burner controls





## The oven vent



Hot air and moisture escape from the oven through a vent in the center rear of the cook-top. **Do not block the vent by using large pans or covers.** Poor baking/roasting and combustion can result.

## ! WARNING



### Burn Hazard

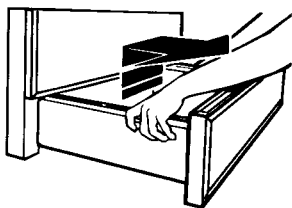
**Use pot holders when touching items left near oven vent.**

**Failure to do so can result in burns.**

## The storage drawer

You can remove the storage drawer to make it easier to clean under the range and to check for installation of the anti-tip bracket. **Use care when handling the drawer.**

### Removing the storage drawer:



1. **Empty** drawer of any pots and pans before removing drawer. **Use** recessed area on top edge of drawer to pull drawer straight out to the first stop. **Lift** front and **pull out** to the second stop.
2. **Lift** back slightly and **slide** drawer all the way out.

### Replacing the storage drawer:



Drawer slide rail

1. **Fit** ends of drawer slide rails into the drawer guides on both sides of opening.
2. **Lift** drawer front and **press in** until metal stops on drawer slide rails clear white stops on drawer guides. **Lift** drawer front again to clear second stop and **slide** drawer closed.



## The anti-tip bracket

The range will not tip during normal use. However, tipping can occur if you apply too much force or weight to the open door without the anti-tip bracket properly secured.

### **WARNING**

#### Tip Over Hazard

Connect anti-tip bracket to the range.

Reconnect anti-tip bracket, if the range is moved.

Do not push down on the open oven door.

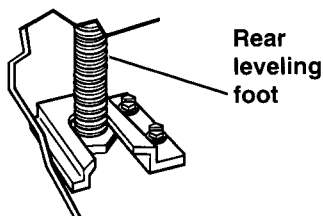
Follow the Installation Instructions.

Do not let children climb onto the oven door.

Failure to follow these instructions can result in death, burns, or other injury.



To verify the anti-tip bracket is engaged:



- **Remove** the storage drawer. (See page 10.)
- **Look** to see if the anti-tip bracket is attached to floor with screws.
- **Make sure** left rear leveling foot is positioned under the anti-tip bracket.
- **See** Installation Instructions for further details.

# Using and Caring for Your Cooktop

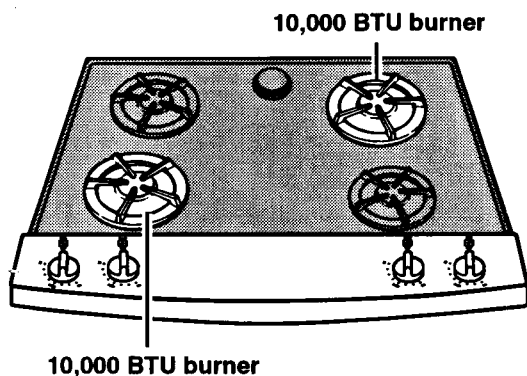
This section tells you how to operate the controls to the cooktop. It also discusses how the sealed gas burner cooktop works, and includes tips on how to cook with and maintain the cooktop.

## Using the surface burners

Your cooktop has sealed gas burners with an auto-reignition system. The sealed burners spread the heat evenly across the bottom of the cookware and provide infinite heat control. The auto-reignition system senses when a burner flame has gone out and will automatically reignite that burner.

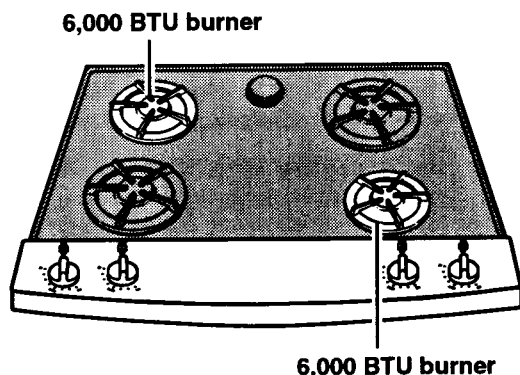
**IMPORTANT:** Your cooktop is factory-set for use with Natural Gas. If you wish to use L.P. gas, an L.P. Gas Conversion Kit (Part No. 9752401) is available from your KitchenAid dealer or authorized parts distributor. The conversion must be done by a qualified service technician.

**When to use the left front and right rear burners:**



Use these burners for cooking large quantities of food, deep-fat frying, or cooking with large cookware.

**When to use the left rear and right front burners:**

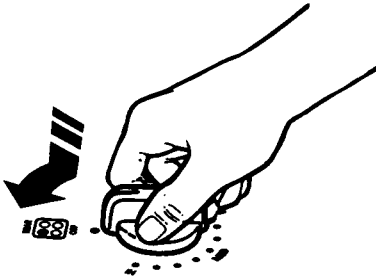


Use these burners for simmering or for cooking smaller quantities of food requiring small cookware.

## ⚠ WARNING

**Carbon Monoxide Poisoning Hazard**  
Do not operate with a yellow flame.  
Doing so can result in death,  
heart attack, or convulsions.

### How to use the surface burners



1. **Grasp** the control knob.
2. **Push down** and **turn** to HI. The electric spark ignitor will ignite the gas flowing into the burner. When you hear a clicking sound, you know that the ignitors are working. Gas is flowing as long as knob is not set at OFF.
3. **When the burner is lit**, turn the control knob to the desired flame setting. (See guide under "Burner heat settings" on this page.) You can turn the knobs to any of the marked settings. The ignitor will turn off and the clicking will stop when the burner ignites.

#### NOTES:

- **The ignitors** may click a number of times before burner lights. This is normal.
- **All four burner ignitors** will spark regardless of which burner you are using.
- **Visually check** that burner has lit. If the burner does not ignite, listen for the clicking sound. If you do not hear the ignitor click, **TURN THE BURNER OFF**. Check that the service cord is placed firmly in the wall receptacle. Check for a tripped circuit breaker or blown fuse.

Check that the control knob is pressed completely down on valve shaft. **If the spark ignitor still fails to operate, call your nearest authorized KitchenAid servicer.**

Proper grounding and polarity is necessary for correct operation of the electric ignition system. If the wall receptacle does not provide correct polarity, the ignitor will become grounded and click every once in a while, even after the burner has ignited. A qualified electrician should check the wall receptacle to see if it is wired with correct polarity.

## ⚠ WARNING



### Fire Hazard

**Turn off all controls when done cooking.**

**Failure to do so can result in death, fire, or burns.**

### Burner heat settings

Use correct burner heat settings (see below). If the heat setting is too high, it can:

- **Char** bacon and cause curling.
- **Make** eggs tough and crisp at the edges.
- **Toughen** liver, fish, and seafood.
- **Scorch** delicate sauces and custards.
- **Cause** a boilover.



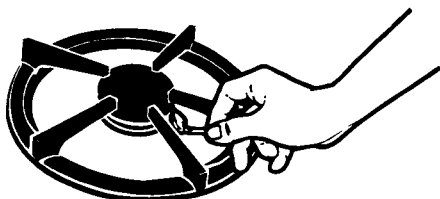
# Using and Caring for Your Cooktop

Until you get used to the settings, use the following as a guide. For best results, start cooking at the high setting; then turn the control knob down to continue cooking.

SETTING	RECOMMENDED USE
HI	<ul style="list-style-type: none"><li>• To start foods cooking.</li><li>• To bring liquids to a boil.</li></ul>
MED	<ul style="list-style-type: none"><li>• To hold a rapid boil.</li><li>• To fry chicken or pancakes.</li><li>• For gravy, pudding, and icing.</li><li>• To cook large amounts of vegetables.</li></ul>
LO	<ul style="list-style-type: none"><li>• To keep food warm until ready to serve.</li></ul>

## In case of a prolonged power failure

Surface burners can be manually lighted.



1. Hold a lit match near a burner and turn the control knob to the HI position.



2. After the burner lights, turn the control knob to the desired setting.

## ⚠ WARNING



### Explosion Hazard

Turn the burners off if a flame goes out while cooking, or if there is a strong gas odor. Wait five minutes for the gas odor to disappear before relighting burner.

Do not let the burner flame extend beyond the edge of the pan.

Turn off all controls when not cooking.

Failure to follow the above can result in death, explosion, fire, or burns.

**NOTE:** Do not leave the cooktop unattended when cooking during a power failure. The auto-reignition feature of your cooktop will not operate during a power failure.

## Energy saving tips

Although the energy used for cooking is usually a very small percentage of the total energy used in the home, cooking energy can be used efficiently. Here are some tips to help you save energy when using your cooking product:

- **Use** pans with flat bottoms, straight sides, and tight-fitting lids.

- **Cook** with a minimum of liquid or fat to help shorten cooking time.
- **Start** food on higher heat settings, then set surface burner control on low to finish cooking.
- **Turn on** the surface burner only after placing filled pan on the burner.

## Cookware tips



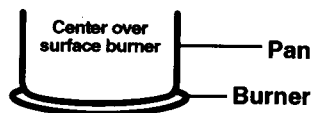
- **NOTE: For best results and greater fuel efficiency**, use only flat-bottomed cookware in good condition.
- **The pan** should have straight sides and a tight-fitting lid.
- **Be sure pans** do not tip, whether they are full or empty.
- **Pans** should be easy to clean. Check to be sure there are no crevices, rough edges, or areas where food might collect.
- **Use cookware** only as instructed in the cookware's user instructions. This is very important for glass cookware because some can be used only in the oven. Pans marked as flameware can be used on surface burners.
- **Choose medium to heavy gauge** (thickness) pans that are fairly lightweight.
- **The pan material** (metal or glass) affects how fast heat transfers from the surface burner through the pan material and how evenly heat spreads over the pan bottom. Choose pans that provide the best cooking results.
- **Handles** should be made of sturdy, heat-resistant material and be securely attached to the pan.

**NOTE:** Do not leave empty cookware, or cookware which has boiled dry, on a hot surface burner. The cookware could overheat and damage the cookware or surface burner.

## Home canning information

The large diameter of most water-bath or pressure canners combined with high heat settings for long periods of time can cause damage to the cooktop.

### To protect your cooktop:



- **Use a canner/pan which can be centered over the surface burner.** Large diameter canners/pans, if not properly centered, trap heat and can cause damage to the cooktop.
- **Do not place canner** on two surface burners at the same time. Too much heat will build up and will damage the cooktop.
- **Start with hot water.** This reduces the time the control is set on high. Reduce heat setting to lowest position needed to keep water boiling.
- **Refer** to your canner manual for specific instructions.



## Caring for your cooktop

Your cooktop is designed for easy care. You can do most cleaning with items found around the home. Cleaning your cooktop whenever spills or soiling occurs will help to keep it looking and operating like new.

### NOTES:

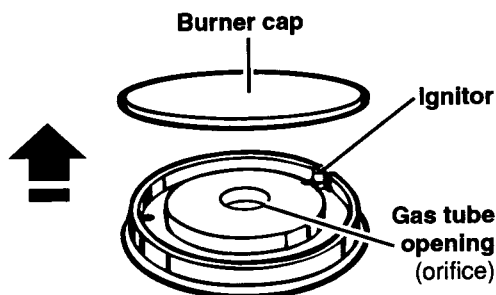
- **Before cleaning** make sure all controls are off and the cooktop is cool.
- **Do not obstruct** the flow of combustion and ventilation air.
- **If knobs are removed** while cleaning, be careful not to spill liquids through holes in the control area.
- **Be careful** not to allow moisture to collect in control area. Moisture could cause ignitor switches to fail.

### Surface burners

- **The burner caps** should be routinely removed and cleaned. Always clean burner caps after a spillover. Keeping the burner caps clean prevents improper ignition and an uneven flame.
- **For proper flow** of gas and ignition of the burner, **DO NOT ALLOW SPILLS, FOOD, CLEANING AGENTS, OR ANY OTHER MATERIAL TO ENTER THE GAS TUBE OPENING.**
- **Occasionally check** the burner flames for proper size and shape as shown. A good flame is blue in color. If flames lift off ports, are yellow, or are noisy when turned off, you may need to clean the burners.

**NOTE:** To check oven burner flames for proper size and shape, see the Installation Instructions.

### To clean burners and burner caps:



1. **Lift** the burner cap straight up from the burner base.
2. **Clean** burner cap with warm, soapy water and a sponge. For stubborn stains, clean with a mildly abrasive plastic scrubbing pad and powdered cleanser. Do not clean burner cap in dishwasher.
3. **If the gas tube opening** or the orifice, located inside the opening, has become soiled or clogged, **use** a cotton swab or a soft cloth to clean the area.
4. **If ports are clogged**, clean with a straight pin. **Do not enlarge or distort port. Do not leave anything stuck in the ports.**
5. **After cleaning** the gas tube opening and ports, **replace** the burner cap. **To replace burner cap, make sure** cap is properly aligned and leveled.
6. **Check** the burner after cleaning for proper lighting.



## Adjusting the height of top burner flames

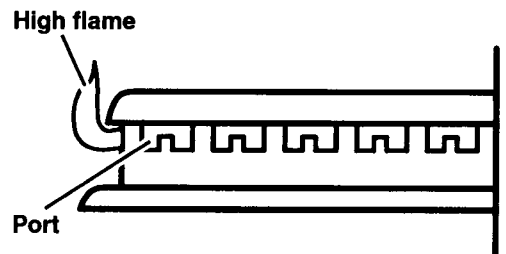
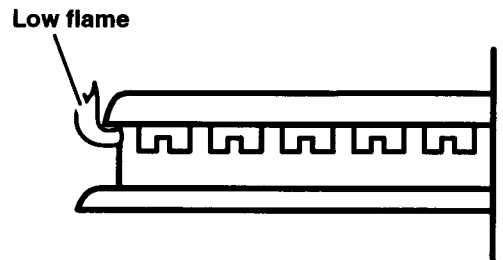
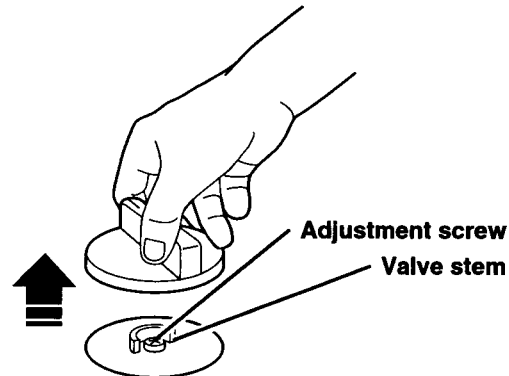
### ⚠ WARNING

**Carbon Monoxide Poisoning Hazard**  
**Do not operate with a yellow flame.**  
**Doing so can result in death, heart attack, or convulsions.**

The LO burner flame should be a steady blue flame approximately  $\frac{1}{4}$  inch high. It can be adjusted using the adjustment screw in the center of the valve stem. The valve stem is located directly underneath the control knob.

**To adjust the flame height follow the instructions below:**

1. **Remove** the control knob. (If there is not an adjustment screw behind the knob the flame height is not adjustable.)
2. **Hold** the valve stem with a pair of pliers. The screw is located in the center of the valve stem. Use a small flat head screwdriver to turn the screw until the flame is the proper size.
3. **Replace** the control knob.
4. **Test** the flame by turning the control from "LO" to "HI," checking the flame at each setting.





# Using and Caring for Your Cooktop



## ⚠ WARNING

### Explosion Hazard

Do not store flammable materials such as gasoline near this appliance.

Doing so can result in death, explosion, fire, or burns.

## Cleaning your cooktop

PART	WHAT TO USE	HOW TO CLEAN
Control knobs	Sponge and warm, soapy water	<ul style="list-style-type: none"><li>• Turn knobs to OFF and pull straight away from control panel.</li><li>• Wash, rinse, and dry thoroughly. Do not soak.</li><li>• <b>Do not use steel wool or abrasive cleansers. They may damage the finish of the knobs.</b></li><li>• Replace knobs. Make sure all knobs point to OFF.</li></ul>
Tempered glass surface	Sponge and warm, soapy water  <b>OR</b>  Paper towel and spray glass cleaner	<ul style="list-style-type: none"><li>• Remove grates.</li><li>• Wash, rinse, and dry thoroughly.</li><li>• Use nonabrasive, plastic scrubbing pad on heavily soiled areas.</li><li>• <b>Do not use steel wool, abrasives, or harsh cleansers. They may damage the finish.</b></li><li>• If you use soap or detergent solutions, rinse thoroughly to prevent filmy residue.</li></ul> <p><b>NOTE:</b> When cleaning cooktop with knobs removed, do not allow water to run down inside unit.</p> <ul style="list-style-type: none"><li>• Replace grates.</li></ul>
Surface burner grates	Warm, soapy water and a mildly abrasive plastic scrubbing pad and/or powdered cleanser	<ul style="list-style-type: none"><li>• Remove grates.</li><li>• Wash the grates with a mildly abrasive plastic scrubbing pad and warm, soapy water. Rinse and dry well. For stubborn stains, clean with a scrubbing pad and/or a powdered cleanser and water. Repeat these cleaning steps as needed.</li><li>• For best cleaning and to avoid possible rusting of unfinished surfaces, do not clean in a dishwasher or self-cleaning oven.</li><li>• Replace grates.</li></ul>
Surface burners and caps		See page 16 and above for cleaning instructions.



## Using and replacing the surface light (model KGRT500B)

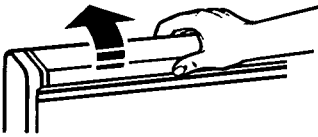
The surface light is in the backguard. It is controlled by the Surface Light Command Pad on the control panel.

To turn the surface light on or off:  
**PRESS**

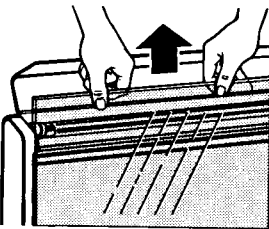
**SURFACE  
LIGHT**

### Replacing the surface light:

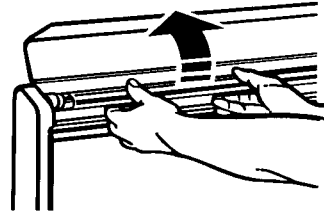
1. **Unplug** appliance or **disconnect** at main power supply.



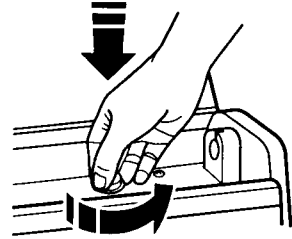
2. **Flip up** the top of the backguard.



3. **Pull up** glass on front of backguard.



4. **Grasp** the fluorescent light tube at both ends. **Turn** the tube approximately 90° in either direction until both ends come out of the receptacles. **Replace** with a 20-watt cool-white fluorescent light tube.

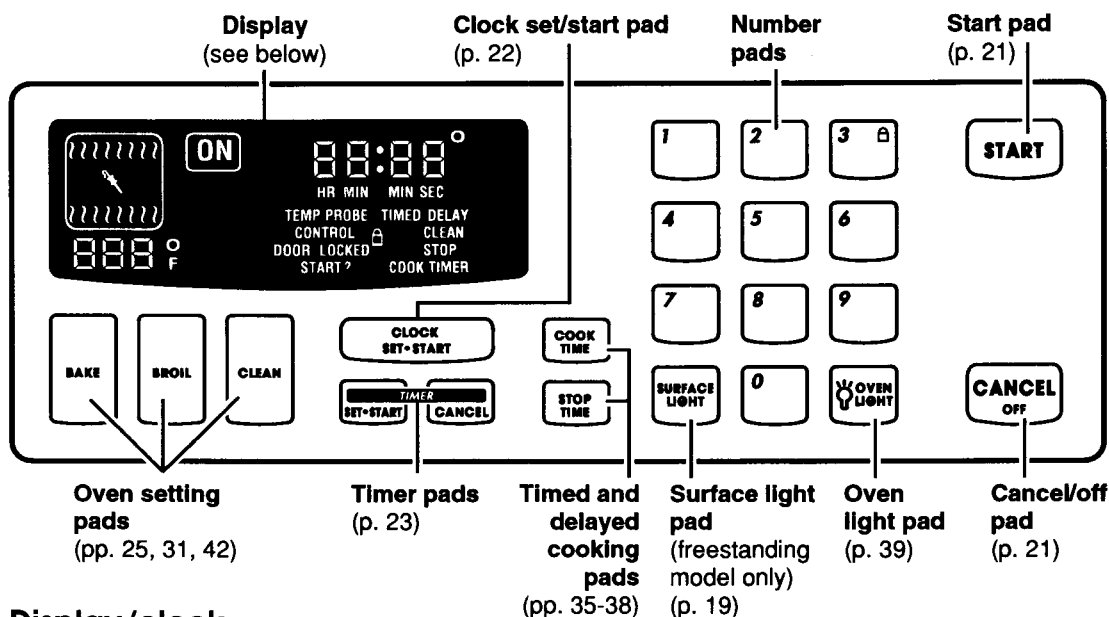


5. **If the surface light still does not work**, you may need to replace the starter. The starter is a knob-shaped part located on the right side of the backguard, under the light tube. **To remove and replace the starter, first remove light tube. Push** starter in and **turn** approximately 90° counterclockwise. **Pull** starter out of recessed area. You can find replacement starters at stores that sell fluorescent light tubes.
6. **Replace** glass and **close** the top panel. **Plug in** appliance or **reconnect** at main power supply.

# Using and Caring for Your Oven

This section tells you, step by step, how to operate all oven functions controlled by the electronic control. Carefully follow these instructions, along with the cooking tips and cleaning information, for successful use of your range.

## Using the electronic oven control



### Display/clock

- **When you first plug in the range**, a tone will sound, the display will be fully lit for a few seconds, and the display will show the last time set and "PF" (power failure). If, after you set the clock (page 22), the display again shows "PF," your electricity was off for a while. Reset the clock.
- **The time display will show "Err"** and 3 short tones will sound if a time or temperature is incorrectly entered.

**NOTE:** If you press a command pad several times, the pad can stop working. If you wait a few seconds, you can use the pad again. When you first use the pad again, you may have to hold down on the pad a short time to get it to work.

### Fahrenheit/celsius

- **You can set your oven to cook in Celsius instead of Fahrenheit** by

opening the oven door, then pressing BROIL for 5 seconds. (You will know you are in Celsius when "F" disappears.) To switch back to Fahrenheit, press BROIL again for 5 seconds. ("F" will reappear.)

**If you need to convert temperatures from Celsius to Fahrenheit or vice versa, you can refer to this chart:**

#### Temperature replacement values

38°C-100°F	163°C-325°F
60°C-140°F	177°C-350°F
66°C-150°F	191°C-375°F
77°C-170°F	204°C-400°F
93°C-200°F	218°C-425°F
121°C-250°F	232°C-450°F
135°C-275°F	246°C-475°F
149°C-300°F	260°C-500°F



## Starting an operation

After programming a function, you must press the Start pad to start the function. If you do not press the Start pad within 5 seconds of programming, "START?" will show on the display as a reminder.



**START**

**To shut off key entry tone:**

**Open the door**

**Then**

**PRESS and hold for 5 seconds**



**STOP  
TIME**

A short tone will sound to tell you the signals have been changed. Repeat step above to turn the signals back on.

## Canceling an operation

The Cancel/Off pad will cancel any function, except for the Clock Set/Start and Timer functions. When you press the Cancel/Off pad, the large display will show the time of day or, if Timer is also being used, the time remaining.



**CANCEL  
OFF**

## Changing audible signals

Audible signals tell you if a function is entered correctly or not. They also tell you when a cycle is completed.

**To shut off end-of-cycle tone:**

**Open the door**

**Then**

**PRESS and hold for 5 seconds**



**COOK  
TIME**

**To change pitch and loudness of key tone:**

**Open the door**

**Then**

**PRESS and hold for 5 seconds**



**7**

**To shut off reminder tones:**

**Open the door**

**Then**

**PRESS and hold for 5 seconds**



**TIMER  
SET-START**


## Using the control lock

The control lock prevents unwanted use of the oven by disabling the control panel command pads.


### NOTES:

- **Control lock** is only available when oven is not active or set.
- **Control lock** will not disable the Timer.
- **Set** control lock when cleaning the control panel to prevent oven from accidentally turning on.

**To lock or deactivate the control panel:**

Open the door, then press and hold the Control Lock pad (Number Pad 3 on free-standing model) for 5 seconds. A single tone will sound and "CONTROL LOCK 

**To unlock the control panel:**

Open the door, then press and hold the Control Lock pad (Number Pad 3 on free-standing model) for 5 seconds. A single tone will sound after 5 seconds and "CONTROL LOCK 

## In case of a power failure

Your oven will not work during a power failure. Do not try to relight the oven. Wait for the power to come back on before using the oven again.



# Using and Caring for Your Oven

## Setting your range for the Sabbath\*

If you want to set your range to meet "no work" requirements for the Sabbath, follow these steps:

1. **Turn** the oven light on or off (see page 39). This light will stay turned on or off (whichever you set) while in the Sabbath mode. Opening the door will not turn on the oven light if it is programmed to be off.
2. **Press** BAKE.
3. **Press** Number Pads to set the temperature you want.
4. **Press** START. **Wait** for the oven to preheat. (A tone will sound when oven is preheated.)
5. **Open the door**, then press and hold Number Pad 6 for 5 seconds to go into the Sabbath mode.  
**NOTE:** Use the Sabbath mode with the Bake function only.

\* Star K certification pending. Full certification by Star K is expected in early 1997. Information is accurate as of 9/96.

## What your oven will do while in the Sabbath mode:

- **The time display** will show "SAbb" to tell you that the oven is in the Sabbath mode.
- **The ON Indicator Light** will light up when the heating element turns on and ON will go off when the heating element turns off.
- **To prevent accidental key presses**, the key pads will only work after you press them for 1 second.
- **No tones** will sound.

## To end the Sabbath mode:

- **Open the door**, then press CANCEL/OFF for 1 second. Next, **press and hold** Number Pad 6 for 5 seconds. (Or you can **press and hold** Number Pad 6 for 5 seconds first, followed by CANCEL/OFF.)

## If a power failure occurs during the Sabbath mode:

The oven will automatically resume the baking function that was set before the power failure.

## NOTES:

- **Make sure** you have not programmed a timed bake.
- **After a long power failure**, you may see the oven temperature increase on the display. This will happen only when the oven has cooled enough to require preheating.

## Setting the clock

**NOTE:** If an oven function is active or programmed, you cannot change the clock.

1. **Press** Clock Set/Start pad.

PRESS

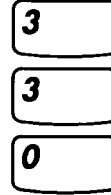


YOU SEE



## 2. Set time.

PRESS



YOU SEE



## 3. Start clock.

If time has not been entered correctly, 3 short tones will sound and "Err" will be displayed. The display will show the closest valid time. Repeat Steps 2 and 3 to re-enter the time of day.

**NOTE:** You can clear the time of day from the display by opening the door then pressing and holding CLOCK SET/START for 5 seconds. Repeat to see time of day on display again.

PRESS



YOU SEE



## Using the timer

The Timer does not start or stop the oven. It works like a regular kitchen timer. It can be set in hours and minutes up to 99 hours, 59 minutes or in minutes and seconds up to 99 minutes, 59 seconds.

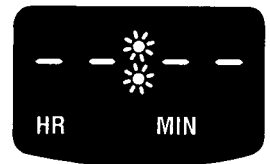
### 1. Press Timer Set/Start pad.

- **Once** to set hours and minutes
- **Twice** to set minutes and seconds

PRESS



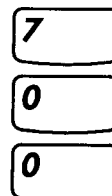
YOU SEE



(example shows hours and minutes timer setting 1)

## 2. Set time.

PRESS



YOU SEE



(example shows a 7-hour timer setting)

# Using and Caring for Your Oven

## 3. Start Timer.

The Timer will begin counting down immediately after you press the Timer Set/Start pad or Start pad.

PRESS



YOU SEE



## 4. When time is up, turn off Timer.

When time is up, you will hear four tones (if tones are not turned off [see page 20]). Press the Timer Cancel pad to clear the display.

YOU SEE



## To change the timer during its operation:

1. **Press** Timer Set/Start pad.
2. **Enter** new desired time.
3. **Press** Timer Set/Start pad.

## To cancel the timer during its operation:

You can cancel the Timer any time during its operation. Press the Timer Cancel pad.

PRESS



## Baking or roasting

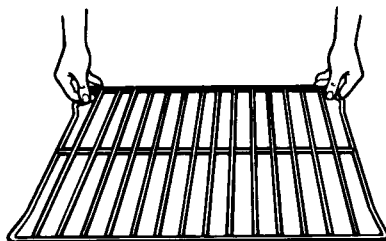
**NOTE:** Do not attempt to light the oven burner during a power failure. See "Range Safety" on page 5 for more information.

### 1. Position racks.

For correct rack placement, see "Rack positions" and "Rack placement" chart on page 26.

#### NOTES:

- **Before turning oven on** position oven rack(s) in desired location.
- **Be sure** the rack(s) is level.
- **Use pot holders or oven mitts to protect hands** if rack(s) must be moved while oven is hot.
- **Do not let** pot holder or oven mitt touch hot burner.
- **See "Cooking tips"** on page 26 for additional cooking tips.





---

## 2. Choose baking/roasting setting.

PRESS



YOU SEE



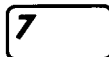
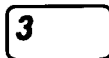
---

## 3. Set temperature (optional).

Do this step if you want to set a temperature other than 350°F.

**NOTE:** See a reliable cookbook for temperature recommendations.

PRESS



YOU SEE



(example for Bake at 375°)

---

## 4. When baking, preheat oven.

After the temperature reaches 170°F, the temperature display will show the actual oven temperature at each 5°F increase and stop at the set temperature. One long tone will sound when oven is preheated.

**NOTE:** When roasting, preheating is not needed.

PRESS



YOU SEE



("Lo" is displayed after 5 seconds if oven temperature is below 170°F)

---

## 5. Put food in oven.

**NOTE:** If you want to change the baking temperature after baking has begun, repeat Steps 2, 3, and 4.

---

## 6. After cooking, turn off oven.

PRESS



YOU SEE

(display will go blank)



## Cooking tips

### Baking tips

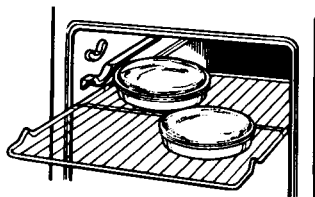
The hot air must circulate around the pans in the oven for even heat to reach all parts of the oven. This results in better baking.

#### For best air circulation:

- Place the pans so that one is not directly over the other.



- For best results, allow 1½ to 2 inches of space around each pan and between pans and oven walls.
- When baking with one pan, place pan in the center of the oven rack.

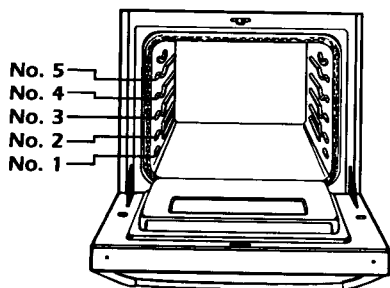


- When baking with two pans, place pans in opposite corners of the oven rack.

#### NOTES:

- “Oven peeking” may cause heat loss, longer cooking times, and unsatisfactory baking or roasting results. Rely on your timer.
- Do not allow pans to touch the heat sensor on the left wall near the back. Poor baking may result.
- Do not use aluminum foil when baking. Aluminum foil may block airflow.

### Rack positions



rack positions. Rack position 5 is the highest position, or farthest from the bottom of the oven. Rack position 1 is the lowest position, or closest to the bottom of the oven.

#### For proper cooking, follow these guidelines:

- When using one rack, place the rack so the top of the food will be centered in the oven.
- When using two racks, place one rack in position 1 and the other rack in position 3.
- Use only one cookie sheet in the oven at a time when using the Bake setting.

### Bakeware tips

- When baking with insulated cookie sheets or baking pans, place them in the bottom third of the oven. You may need to increase the recommended baking times, so test for doneness before removing from the oven.
- When using ovenproof glassware or dark bakeware, reduce the oven temperature by 25°F, but use the same baking time. Because these pans absorb heat, producing darker bottom browning and crispier crusts, place the rack in the center of the oven. When baking pies and bread, you can use the temperature suggested in the recipe.

#### Rack placement for specific foods:

(For rack positions, see “Rack positions” above.)

FOOD	RACK POSITION
Frozen pies	2
Angel food and bundt cakes, most quick breads, yeast breads, casseroles, meats	1 or 2
Cookies, biscuits, muffins, cakes, nonfrozen pies	2 or 3

**NOTE:** For additional baking tips see “Baking or roasting” on page 24.

## Baking chart

FOOD	OVEN TEMPERATURE	APPROXIMATE COOKING TIME (MINUTES)
<b>Breads, yeast</b>		
• loaf	375°F	30-40
• rolls, pan	400°F	12-15
<b>Breads, quick</b>		
• biscuits	450°F	10-15
• muffins	400°F	20-25
• popovers	450°F	20-25
• corn bread	425°F	25-30
• nut bread	350°F	60-75
• gingerbread	350°F	25-30
<b>Cakes</b>		
• angel food	375°F	30-40
• layer cake	350-375°F	20-30
• loaf cake	350°F	35-45
• sponge cake	350°F	35-45
• pound cake	350°F	34-45
• fruit cake	300°F	2-2½ hrs
• sheet cake	300°F	25-35
<b>Cookies</b>		
• drop	375°F	10-15
• rolled and refrigerated	375°F	12-18
• chocolate	375°F	10-15
• fruit and molasses	375°F	10-15
• brownies	350°F	20-30
• macaroons	350°F	12-15
<b>Miscellaneous</b>		
• apples, baked	375°F	50-60
• beans, baked	300°F	5-6 hrs
• custard, cup	325°F	35-40
• potatoes, baked	400°F	75
• pudding		
bread	350°F	45-60
cottage	375°F	30-40
rice	325°F	40-60
• scalloped dishes	350°F	60-90
• soufflé	350°F	50-60
<b>Pastries</b>		
• cream puffs	400°F	35-40
• custard and pumpkin pie	350°F	30-40
• pastry shell	450°F	10-12
• two crust fruit pie		
cooked filling	400°F	45-55
uncooked filling	400°F	50-60
• meringue topping	350°F	10-15

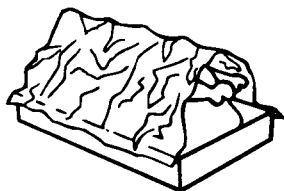
Temperatures and times are guidelines only and may need to be adjusted to individual tastes.



# Using and Caring for Your Oven

## Roasting tips

- **Roast** meats fat side up in a shallow pan using a roasting rack.
- **Use a roasting pan** that fits the size of the food to be roasted. Meat juices may overflow the sides of a pan that is too small. Too large of a pan will result in increased oven spatter.
- **Spatter can be reduced** by lining the bottom of the roasting pan with lightly crushed aluminum foil.



- **A foil tent** will slow down surface browning for long-term roasting, as when roasting a turkey. Place tent-shaped foil loosely over meat to allow for air circulation. Do not seal foil or meat will be steamed.
- **Use an accurate meat thermometer** to determine when meat has reached desired degree of doneness. Insert the thermometer into the center of the thickest portion of the meat or inner thigh or breast of poultry. For an accurate reading, the tip of the thermometer should not touch fat, bone, or gristle.
- **After reading the thermometer once**, push it further into the meat  $\frac{1}{2}$  inch or more and read again. If the temperature drops, return the meat to the oven for more cooking.
- **Check pork and poultry** with a thermometer in 2-3 places to ensure adequate doneness.
- **Poultry and roasts will be easier to carve** if loosely covered with foil and allowed to stand 10-15 minutes after removal from the oven.

## Roasting chart

- **Roast** at oven temperature of 325°F\*.  
Preheating is not needed.
- **Place** roasting pan on rack position 1 or 2.

MEAT	APPROXIMATE WEIGHT	APPROXIMATE MINUTES PER POUND	MEAT THERMOMETER TEMPERATURE
<b>Beef</b>			
<b>rolled rib</b>	3-5 lbs		
• rare		25-29	140°F
• medium		35-37	160°F
• well-done		45-47	170°F
<b>standing rib</b>	6-7 lbs		
• rare		23-25	140°F
• medium		30-32	160°F
• well-done		35-40	170°F
<b>rump roast</b>	4-6 lbs		
• medium		25-30	160°F
• well-done		35-37	170°F
<b>Lamb</b>			
<b>leg</b>	6-7 lbs		
• rare		18-20	140°F
• medium		21-24	150-155°F
• well-done		30-32	180°F
<b>Pork</b>			
<b>loin</b>	3-4 lbs	45-48	170°F
	5-6 lbs	28-30	170°F
<b>shoulder</b>	4-5 lbs	40-44	185°F
<b>ham, fully cooked</b>	3-5 lbs	17-18	130°F
	8-10 lbs	13-14	130°F
<b>Poultry</b>			
<b>chicken*</b>	3-4 lbs	28-30	185°F**
<b>turkey, unstuffed</b>	10-16 lbs	14-19	170-180°F
	18-25 lbs	11-15	170-180°F
<b>Veal</b>			
<b>loin</b>	3-4 lbs	35-38	170°F
<b>shoulder</b>	5-6 lbs	43-45	170°F

\* For chicken, set the oven temperature to 350°F.

\*\* The muscles may not be large enough to use a thermometer.



# Using and Caring for Your Oven

## Adjusting oven temperature

Although your new oven is properly adjusted to provide accurate temperatures, it may cook faster or slower than your old oven.

If, after using the oven for a period of time, you are not satisfied with the baking/roasting results, you can change the offset temperature by following the steps below. The control will “remember” the selected offset even after the power has been interrupted or lost.

**NOTE:** DO NOT measure oven temperature with a thermometer. Opening the oven door will lower the oven temperature and give you an inaccurate reading. Also, the thermometer temperature reading will change as your oven cycles.

### 1. Open the door, then press and hold Bake pad for 5 seconds.

Release the pad when a number appears on the temperature display and you hear a tone.

**PRESS**



Hold for  
5 seconds

**YOU SEE**



(factory setting of “0”)

### 2. Set new offset temperature.

Each time you press the Bake pad, the displayed temperature will change by 5°F (3°C). You can set the offset temperature adjustment as low as -35°F (-21°C) or as high as +35°F (+21°C). (To determine the amount of adjustment needed, see the chart on page 31.)

**NOTE:** If there is no “F” after the temperature, you are in the Celsius mode.

**PRESS**



**YOU SEE**



(example when making  
oven 10°F hotter)

### 3. Enter the adjustment.

**NOTE:** If you press the Cancel/Off pad instead of the Start pad, the offset temperature will stay the same.

**PRESS**



**YOU SEE**

(display will go blank)



## How to determine the amount of adjustment needed

The following chart tells you how much to adjust the offset temperature to get the desired cooking results. You can determine cooking results by amount of browning, moistness, and rising times for baked foods.

TO COOK FOOD ...	ADJUST BY THIS NUMBER OF DEGREES (FAHRENHEIT)
A little more	+5 to +10
Moderately more	+15 to +20
Much more	+25 to +35
A little less	-5 to -10
Moderately less	-15 to -20
Much less	-25 to -35

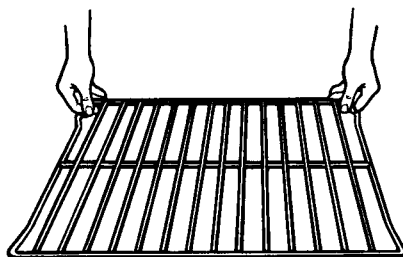
## Broiling

### 1. Position rack and close door.

See "Broiling chart" on page 34 for recommended rack positions.

#### NOTES:

- **Before turning oven on** position oven rack(s) in desired location.
- **Be sure** the rack(s) is level.
- **Use pot holders or oven mitts to protect hands** if rack(s) must be moved while oven is hot.
- **Do not let** pot holder or oven mitt touch hot broil burner.
- **See "Broiling tips"** on page 33 for additional broiling tips.



### 2. Preheat broiler for 5 minutes before using.

### 3. Press Broil pad.

PRESS



YOU SEE



continued on next page

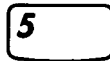
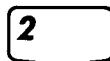
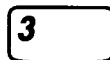
# Using and Caring for Your Oven

## 4. Set temperature (optional).

Do this step if you want to use variable temperature broiling (see below).

**NOTE:** See "Broiling chart" on page 34 for temperature recommendations.

PRESS



YOU SEE



(example shows 325°F broiling temperature)

## 5. Start oven.

**NOTE:** If you want to change the broiling temperature after broiling has begun, repeat Steps 3, 4, and 5.

PRESS



YOU SEE



## 6. After preheating, put food in oven.

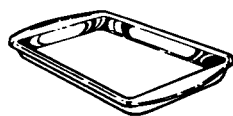
Place food on grid in broiler pan and place in center of the oven rack.

**NOTES:**

- **Place food** 3 inches or more from the broil burner.
- **To ensure adequate grease drainage**, do not use cookie sheets or similar pans for broiling.
- **If foil is used** to cover broiler grid, cut slits in foil to allow grease to drain away.



Broiler grid



Broiler pan

## 7. Completely close door.

**NOTE:** Do not try to broil with the door open. The broil burner will not operate.

## 8. When broiling is done, turn off oven.

PRESS



YOU SEE

(display will go blank)



---

## Variable temperature broiling

- **If food is cooking too fast** or you want the food to broil slower from the start, set the broil temperature between 170°F and 325°F. These temperature settings allow the broil burner to cycle and to slow cooking. The lower the temperature, the slower the cooking.
- **Fish and chicken** are some foods that may cook better if you use lower broiling temperatures.

---

## Broiling tips

- **Use** the broiler pan and grid for broiling. They are designed to drain excess liquid and grease away from the cooking surface to help prevent spatter, smoke, or fire.
- **If you broil small quantities**, you may want to use a small broiler pan. They are available in the housewares section of many department stores.
- **For best broiling results**, preheat for 5 minutes. Do not preheat with broiler pan in place.
- **Broiling rack position** determines how the burner cooks your food. The lower the position, the more broiler grid area covered. See "Broiling chart" on next page for more information.
- **To sear meat**, place broiler pan at one of the higher rack positions so that meat is very near the flame.
- **Thin ( $\frac{3}{4}$ ") steaks** may be broiled in the higher rack positions.
- **To cook thick ( $1\frac{1}{2}$ ") steaks** and other thick cuts of meat well done, start cooking on a lower rack position or move them to a lower rack position after searing.
- **After broiling**, remove the broiler pan from the oven when you remove the food. Drippings will bake on the pan if you leave it in the heated oven.

**NOTE:** See "Broiling" on page 31 for additional broiling tips.



# Using and Caring for Your Oven

## Broiling chart

The recommended rack position is numbered lowest (1) to highest (5). Preheat broiler for 5 minutes before placing food in oven.

MEAT	RACK POSITION	TEMPERATURE	APPROXIMATE TIME (MINUTES)	
			SIDE 1	SIDE 2
<b>Steak, 1" thick</b> • rare • medium • well-done	4	500°F	4 6 8	4 6 8
<b>Steak, 1½" thick</b> • rare • medium	4	500°F	8 10	8 10
<b>Hamburger patties or steaks, ½" thick or less</b> • medium	4	500°F	6	4
<b>Lamb chops, 1" thick</b>	4	400°F	9	9
<b>Ham slice, ½" thick</b>	4	500°F	5	5
<b>precooked 1" thick</b>	4	500°F	10	10
<b>Pork chops, 1" thick</b>	4	450°F	12	12
<b>Frankfurters</b>	4	500°F	4	4
<b>Chicken pieces</b>	3	500°F	16	16
<b>Fish, 1" thick</b>	3	350°F	10	10
<b>Beef liver, ½" thick</b>	4	350°F	5	5

Temperatures and times are guidelines only and may need to be adjusted to individual tastes.



## Timed cooking

The electronic clock/oven control will turn the oven on and off at times you set, even when you are not around.

Delayed time cooking is ideal for foods which do not require a preheated oven, such as meats and casseroles. **Do not use delayed time cooking for cakes, cookies, etc. – they will not rise properly. Before using timed cooking, make sure the clock is set to the correct time of day.** (See “Setting the clock” on page 22.)

### ⚠ WARNING

#### Food Poisoning Hazard

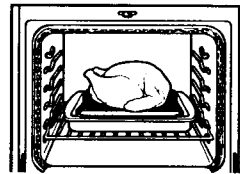
**Do not let food sit in oven more than one hour before or after cooking.**

**Doing so can result in death, food poisoning, or sickness.**

## To start baking/roasting now and stop automatically:

### 1. Prepare oven.

Position the oven rack(s) properly and place the food in the oven. For correct rack placement, see “Rack positions” and “Rack placement” chart on page 26.



### 2. Choose Bake setting.

PRESS



YOU SEE

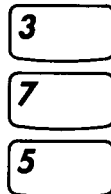


### 3. Set temperature (optional).

Do this step if you want to set a temperature other than the one displayed.

**NOTE:** See “Baking chart” on page 27 or a reliable cookbook for temperature recommendations.

PRESS



YOU SEE



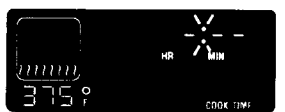
(example shows 375°F temperature setting)

### 4. Press Cook Time pad.

PRESS



YOU SEE



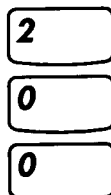
continued on next page



# Using and Caring for Your Oven

## 5. Set cook time.

PRESS



YOU SEE



(display shows 2-hour cook time)

## 6. Start oven.

PRESS



YOU SEE



## 7. When baking/roasting is done:

"End" will show on the display. Four tones will sound, followed by four short reminder tones every minute until you open the door or press the Cancel/Off pad.

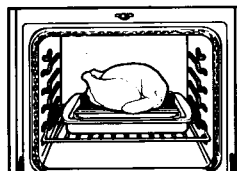
YOU SEE



## To delay start and stop automatically:

### 1. Prepare oven.

Position the oven rack(s) properly and place the food in the oven. For correct rack placement, see "Rack positions" and "Rack placement" chart on page 26.



### 2. Choose Bake setting.

PRESS



YOU SEE

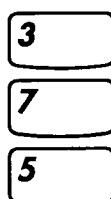


### 3. Set temperature (optional).

Do this step if you want to set a temperature other than the one displayed.

**NOTE:** See a reliable cookbook for temperature recommendations.

PRESS



YOU SEE



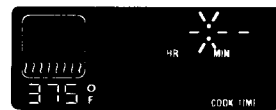
(example shows 375°F temperature setting)

## 4. Press Cook Time pad.

PRESS

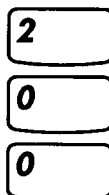


YOU SEE



## 5. Set cook time.

PRESS



YOU SEE



(example shows 2-hour cook time)

## 6. Press Stop Time pad.

PRESS

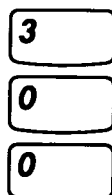


YOU SEE



## 7. Set stop time.

PRESS



YOU SEE



(display shows stop time of 3:00)

## 8. Press Start pad.

PRESS



YOU SEE



When start time is reached:

YOU SEE



## 9. When baking/roasting is done:

"End" will show on the display. Four tones will sound, followed by four short reminder tones every minute until you open the door or press the Cancel/Off pad.

YOU SEE





# Using and Caring for Your Oven

To cancel timed cooking settings:

Press Cancel/Off pad.

PRESS

YOU SEE





(display will go blank)

## Cleaning your oven and controls

PART	WHAT TO USE	HOW TO CLEAN
<b>Control knobs</b>	Sponge and warm, soapy water	<ul style="list-style-type: none"> <li>• Turn knobs to OFF and pull straight away from control panel.</li> <li>• Wash, rinse, and dry thoroughly. Do not soak.</li> <li>• <b>Do not use steel wool or abrasive cleansers. They may damage the finish of the knobs.</b></li> <li>• Replace knobs. Make sure all knobs point to OFF.</li> </ul>
<b>Control panel</b>	Sponge and warm, soapy water <b>OR</b> Paper towel and spray glass cleaner	<ul style="list-style-type: none"> <li>• Wash, wipe with clean water, and dry thoroughly.</li> <li>• <b>Do not use steel wool or abrasive cleansers. They may damage the finish.</b></li> <li>• Do not spray cleaner directly on panel. Apply cleaner to paper towel.</li> </ul> <p><b>NOTE:</b> Set the Control Lock to prevent the oven from accidentally turning on when you are cleaning the panel. (See "Using the control lock" on page 21.)</p>
<b>Exterior surfaces</b> (other than control panel)	Sponge and warm, soapy water	<ul style="list-style-type: none"> <li>• Wash, wipe with clean water, and dry thoroughly.</li> <li>• Use nonabrasive, plastic scrubbing pad on heavily soiled areas.</li> <li>• <b>Do not use abrasive or harsh cleansers. They may damage the finish.</b></li> </ul>
<b>Broiler pan and grid</b> (clean after each use)	Steel-wool pad and warm, soapy water	<ul style="list-style-type: none"> <li>• Wash, rinse, and dry thoroughly.</li> <li>• <b>Do not clean pan and grid in the Self-Cleaning cycle.</b></li> </ul>
<b>Oven racks</b>	Steel-wool pad and warm, soapy water <b>OR</b> The Self-Cleaning cycle	<ul style="list-style-type: none"> <li>• Wash, rinse, and dry thoroughly.</li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>• Leave in oven during Self-Cleaning cycle.</li> </ul> <p><b>NOTE:</b> Racks will permanently discolor and become harder to slide if left in oven during the Self-Cleaning cycle. Apply a small amount of vegetable oil to the side rungs to aid sliding.</p>

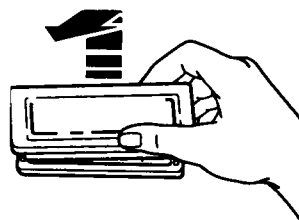
PART	WHAT TO USE	HOW TO CLEAN
<b>Oven door glass</b>	Paper towel and spray glass cleaner <b>OR</b> Warm, soapy water and a nonabrasive, plastic scrubbing pad	<ul style="list-style-type: none"> <li>• Make sure oven is cool.</li> <li>• Follow directions provided with the cleaner.</li> <li>• Wash, wipe with clean water, and dry thoroughly.</li> </ul>
<b>Oven cavity</b>	Self-Cleaning cycle	<ul style="list-style-type: none"> <li>• Wipe up food spills containing sugar as soon as possible after the oven cools down. (See "Using the Self-Cleaning Cycle" on page 40.)</li> <li>• See "Using the Self-Cleaning Cycle" on pages 40-44.</li> </ul>

## Using and replacing the oven light(s)

Your oven may have a standard oven light or two side halogen lights. The oven light(s) will come on when you open the oven door. To turn the light(s) on when the oven door is closed, **press** the Oven Light pad  on the control panel. **Press** the pad  again to turn off the light(s).

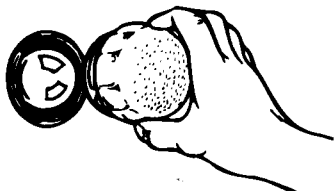
### Replacing oven lights (models with side halogen lights):

1. **Disconnect** appliance at the main power supply. Make sure the oven is cool before replacing the light bulb.



### Replacing the oven light (models with light on back wall):

1. **Disconnect** appliance at main power supply. Make sure the oven is cool before replacing the light bulb.



2. **Remove** the glass bulb cover in the back of the oven by screwing it out counter-clockwise.
3. **Remove** the light bulb from its socket. **Replace** the bulb with a 40-watt appliance bulb.
4. **Replace** the bulb cover by screwing it in clockwise. **Reconnect** appliance at main power supply.

**NOTE:** The oven light will not work during the Self-Cleaning cycle.

2. **Remove** glass light cover by grasping front edge of cover and pulling it away from the side wall of the oven.
3. **Remove** the light bulb from its socket. **Replace** the bulb with another halogen bulb (12 volt, 5 watt maximum, available at most hardware stores).
4. **Replace** the light cover by snapping it back into wall. **Reconnect** appliance at main power supply.

**NOTE:** The oven lights will not work during the Self-Cleaning cycle.

# Using the Self-Cleaning Cycle

The Self-Cleaning cycle saves you from the toil and mess that often come with hand-cleaning the oven interior. Like the other functions of your oven, you operate the Self-Cleaning cycle with the easy-to-use electronic control. To use this cycle properly, follow the step-by-step instructions in this section.

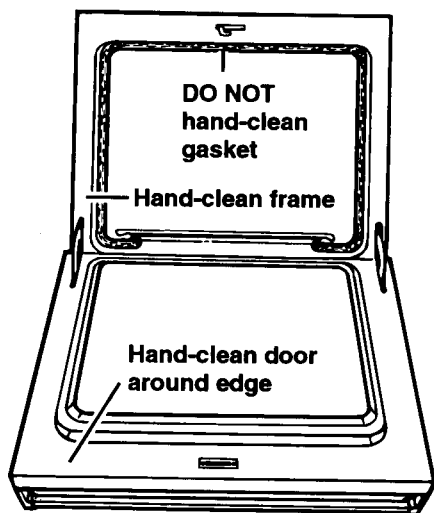


## ! WARNING

### Burn Hazard

**Do not touch the oven during the Self-Cleaning cycle.**  
**Keep children away from oven during Self-Cleaning cycle.**  
**Do not use commercial oven cleaners in your oven.**  
**Failure to follow these instructions can result in burns, or illness from inhaling dangerous fumes.**

## Before you start



**Before you start the Self-Cleaning cycle, make sure you:**

- **Hand-clean the areas shown.** They do not get hot enough during the Self-Cleaning cycle for soil to burn away. Use hot water and detergent or a soapy steel-wool pad for cleaning.

**NOTE:** DO NOT clean, move, or bend the gasket. Poor cleaning, baking, and roasting may result.

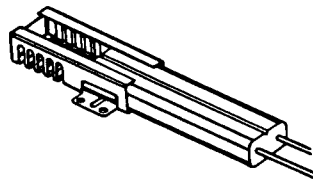
- **Remove** the broiler pan and grid and anything else being stored in the oven.
- **Wipe out** any loose soil or grease. This will help reduce smoke during the Self-Cleaning cycle.
- **Wipe up** food spills containing sugar as soon as possible after the oven cools down. When sugar is heated to a high temperature in the Self-Cleaning cycle, the high temperature can cause the sugar to burn and react with the porcelain. This can cause staining and etching or pitting.
- **Remove** the oven racks from the oven if you want them to remain shiny. You can clean racks in the Self-Cleaning cycle, but they will discolor and become harder to slide. If you clean racks in the Self-Cleaning cycle, place them on the rack guides.
- **Heat and odors** are normal during the Self-Cleaning cycle. Keep the kitchen well ventilated by opening a window or by turning on a vent hood or other kitchen vent during the cycle.





## NOTES:

- **Do not block** the vent during the Self-Cleaning cycle. Air must move freely for best cleaning results.
- **Do not leave** plastic utensils on the cooktop. They may melt.
- **Do not leave** any foil in oven during the Self-Cleaning cycle. Foil could burn or melt and damage the oven surface.
- **The oven light** will not work during the Self-Cleaning cycle.



### Protective shield around ignitor

- **Do not insert** any object into the opening of the protective shield that surrounds the ignitor. Also, do not clean this area. Doing either could result in product damage.
- **Do not use** your cooktop during the Self-Cleaning cycle. Using your cooktop will turn the cycle off.

## Before setting the controls

- **Make sure clock is set to correct time of day.**
- **Make sure the oven door is completely closed.**

## Setting the controls

### To start cleaning immediately:

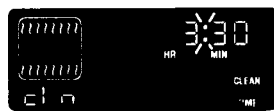
#### 1. Press Clean pad.

A 3½-hour Self-Cleaning cycle will be set. (The first 3 hours are for cleaning, the last 30 minutes are for cooling.)

#### PRESS



#### YOU SEE



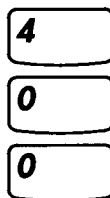
(display shows 3½-hour cleaning cycle)

#### 2. Set cleaning time (optional).

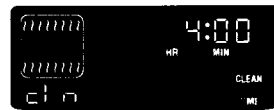
If you want a Self-Cleaning cycle other than 3½ hours, **press** the desired Number pads for the new time up to 4½ hours.

- **Use 2½ hours** for light soil.
- **Use 3½-4½ hours** for moderate to heavy soil.

#### PRESS



#### YOU SEE



(example shows 4-hour cleaning cycle)

continued on next page

# Using the Self-Cleaning Cycle

## 3. Start oven.

**NOTE:** The door will lock right after you press START.

PRESS



YOU SEE



(for first 30 minutes)



(for remainder of cycle)

## 4. After the Self-Cleaning cycle ends:

YOU SEE



## To delay cleaning start time:

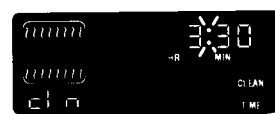
### 1. Press Clean pad.

A 3½-hour Self-Cleaning cycle will be set. (The first 3 hours are for cleaning, the last 30 minutes are for cooling.)

PRESS



YOU SEE



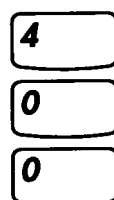
(display shows 3½-hour cleaning cycle)

### 2. Set cleaning time (optional).

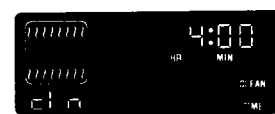
If you want a Self-Cleaning cycle other than 3½ hours, **press** the desired Number pads for the new time up to 4½ hours.

- Use 2½ hours for light soil.
- Use 3½-4½ hours for moderate to heavy soil.

PRESS



YOU SEE



(example shows 4-hour cleaning cycle)

# Using the Self-Cleaning Cycle

## 3. Press Stop Time pad.

PRESS



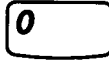
YOU SEE



## 4. Set stop time.

Example for 7:00:

PRESS



YOU SEE



(display shows stop time of 7:00)

## 5. Complete entry.

**NOTE:** The door will lock right after you press START.

PRESS



YOU SEE



When the start time is reached:

**NOTE:** After 30 minutes, the broil burner symbol will turn off and the bake burner symbol will turn on.

YOU SEE



## 6. After the self-cleaning cycle ends:

**NOTE:** You can run a second Self-Cleaning cycle right after "DOOR LOCKED" disappears from the display.

YOU SEE



# Using the Self-Cleaning Cycle

To stop the self-cleaning cycle at any time:

PRESS



YOU SEE



("DOOR LOCKED" will appear if oven has not cooled down)

## For best cleaning results

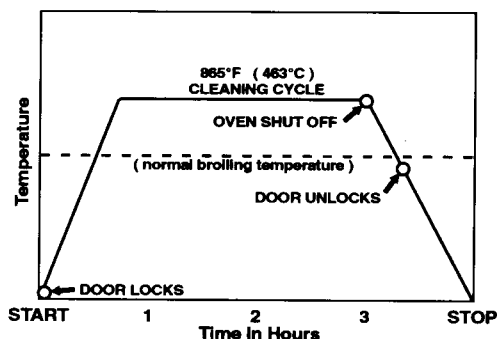
- After the oven cools to room temperature, wipe up any residue or ash with a damp cloth or sponge. If any spots remain, clean with a mild abrasive cleanser or cleaning sponge.
- Clean the oven before it gets heavily soiled. Cleaning a very soiled oven takes longer and results in more smoke than usual.
- If the Self-Cleaning cycle does not get the oven as clean as you expected, the cycle may not have been set long enough or you may not have prepared the oven properly. Set the Self-Cleaning cycle longer the next time and hand-clean areas noted on page 40.

## How the cycle works

The Self-Cleaning cycle uses very high heat to burn away soil and grease. During the cycle, the oven gets much hotter than it does for normal baking or broiling. This high heat breaks up the soil or grease and burns it away.

Your oven is preset for a 3½-hour Self-Cleaning cycle. However, you can adjust the cycle time to the amount of soil in your oven. You can set the cycle anywhere between 2½ and 4½ hours. (See "Setting the controls" on page 41.)

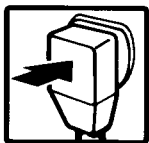
The graph at the right is representative of a normal, 3½-hour Self-Cleaning cycle. Note that the heating stops after 3 hours, but it takes longer for the oven to cool enough to unlock.



# Troubleshooting

Most cooking problems often are caused by little things you can find and fix without tools of any kind. Check the lists below and on the next two pages before calling for assistance or service. If you still need help, see "Requesting Assistance or Service" on page 48.

## If nothing operates, check the following:



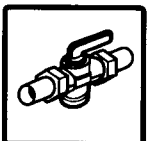
Is the range plugged or wired into a live outlet or circuit with the proper voltage? (See Installation Instructions.)



Have you blown a household fuse or tripped a circuit breaker?



Have you set the control knob or electronic control correctly?



Is the range properly connected to gas supply? Contact an authorized KitchenAid servicer to reconnect range to gas supply. (See Installation Instructions.)



Is the flow of combustion and/or ventilation air to the cooktop blocked?



## Other possible problems and their causes:

PROBLEM	CAUSE
<b>The oven will not operate</b>	<ul style="list-style-type: none"><li>• You have not set the electronic control correctly. Refer to the section in this manual describing the function you are operating.</li><li>• You have programmed a delayed start time. Wait for the start time to be reached or cancel and reset the control.</li></ul>
<b>Burner fails to light</b>	<ul style="list-style-type: none"><li>• The range is not plugged or wired into a live outlet or circuit with the proper voltage. (See Installation Instructions.)</li><li>• You have blown a household fuse or tripped a circuit breaker. In case of prolonged power failure, manually light burners (see page 14).</li><li>• The burner ports are clogged. Clean with a straight pin (see page 16).</li></ul>
<b>Burner flames are uneven</b>	<ul style="list-style-type: none"><li>• The burner ports are clogged. Clean with a straight pin (see page 16). If this fails, call for service.</li></ul>
<b>Burner flames lift off ports, are yellow, or are noisy when turned off</b>	<ul style="list-style-type: none"><li>• The air/gas mixture is incorrect. Contact a service technician to check it.</li></ul>
<b>Burner makes popping noise when on</b>	<ul style="list-style-type: none"><li>• The burner is wet from washing. Let dry.</li></ul>
<b>Burners spark</b>	<ul style="list-style-type: none"><li>• It is normal for all four burners to spark briefly when:<ul style="list-style-type: none"><li>– A burner is turned on, but has not yet ignited.</li><li>– There is a draft blowing on burners.</li><li>– A very large pot on burner causes flame to be unstable.</li></ul>No action is needed. Burner operation is not affected and the sparking should end when the ignited flame is burning undisturbed.</li><li>• Continuous sparking may be caused when:<ul style="list-style-type: none"><li>– A spillover has wet ignition switch contacts. Turn on one or two burners or disconnect electrical supply to let switch dry out.</li><li>– There is a faulty spark module. Contact a service technician to replace module.</li><li>– The wall outlet wiring is incorrect. Contact a qualified electrician to correct wiring, if needed.</li></ul></li></ul>
<b>Cooling fan runs during Bake or Broil</b>	<ul style="list-style-type: none"><li>• It is normal for the fan to automatically run during Bake or Broil to cool the electronic control.</li></ul>

PROBLEM	CAUSE
<b>The control knob(s) will not turn</b>	<ul style="list-style-type: none"> <li>• You are not pushing in before turning.</li> </ul>
<b>The Self-Cleaning cycle will not operate</b>	<ul style="list-style-type: none"> <li>• You have programmed a delayed start time. Wait for the start time to be reached or cancel and reset the control.</li> <li>• The cooling fan is not running. If fan is running, you can hear it. Call a KitchenAid service technician for repair.</li> </ul>
<b>Cooking results are not what you expected</b>	<ul style="list-style-type: none"> <li>• The range is not level. (See Installation Instructions.)</li> <li>• The oven temperature seems too low or too high. See "Adjusting oven temperature" on page 30 to adjust oven temperature.</li> <li>• You did not preheat the oven before baking (if called for in recipe).</li> <li>• The recipe you are using may need to be altered to improve the taste or appearance of the food.</li> <li>• You are using a pan that is not the correct type or size. Refer to a reliable cookbook or recipe for recommended pan type and size.</li> <li>• There is not enough air space around pan when baking. Allow 1½ to 2 inches of air space on all sides of pan.</li> <li>• The cookware is too large or too small for the surface burner being used. Pan should be the same size or slightly larger than the surface burner being used.</li> <li>• The flame is not the correct size for the cookware being used.</li> </ul>
<b>The display is showing "PF"</b>	<ul style="list-style-type: none"> <li>• There has been a power failure. Reset the clock. (See page 22.)</li> </ul>
<b>A letter followed by a number shows on the display (for example "E3", "F1")</b>	<ul style="list-style-type: none"> <li>• Press CANCEL/OFF. If the code does not disappear, call for service. (See Step 2 on page 48.)</li> <li>• The power cord is not properly grounded. (See Installation Instructions.)</li> </ul>
<b>The key pads do not operate</b>	<ul style="list-style-type: none"> <li>• The Control Lock has been set. (See "Using the control lock" on page 21.) Turn off the Control Lock by pressing and holding the Control Lock pad (Number Pad 3) for 5 seconds.</li> <li>• The Sabbath mode has been set ("SAbb" appears on the display). Turn off the Sabbath mode by opening the oven door, waiting up to 15 seconds and pressing and holding Number Pad 6 for 5 seconds.</li> <li>• The range is not grounded. (See Installation Instructions.)</li> </ul>

If none of these items was causing your problem, see "Requesting Assistance or Service" on page 48.

# Requesting Assistance or Service

## 1. If the problem is not due to one of the items listed in "Trouble-shooting" on pages 45-47\*:

- Call KitchenAid Consumer Assistance Center:



**1-800-422-1230**

One of our trained consultants can instruct you in how to obtain satisfactory operation

from your appliance or, if service is necessary, recommend a qualified service company in your area.

- If you prefer, write to:

KitchenAid Brand Home Appliances  
Consumer Assistance Center  
c/o Correspondence Dept.  
2000 North M-63  
Benton Harbor, MI 49022-2692

Please include a daytime phone number in your correspondence.

## 2. If you need service\*:

- Call your dealer or the repair service he recommends.



- All service should be handled locally by the dealer from whom you purchased the unit or an authorized KitchenAid servicer.

- If you are unable to obtain the name of a local authorized KitchenAid servicer, call our Consumer Assistance Center telephone number (see Step 1).

## 3. If you are not satisfied with the action taken:

- Contact the Major Appliance Consumer Action Program (MACAP). MACAP is a group of independent consumer experts that voices consumer views at the highest levels of the major appliance industry.
- Contact MACAP only when the dealer, authorized servicer, and KitchenAid have failed to resolve your problem.

Major Appliance Consumer Action Program  
20 North Wacker Drive  
Chicago, IL 60606

- MACAP will in turn inform us of your action.

### \* When asking for help or service:

Please provide a detailed description of the problem, your appliance's complete model and serial numbers, and the purchase date. (See page 3.) This information will help us respond properly to your request.

### Don't forget, KitchenAid offers a full line of quality home appliances.

Built-in Refrigerators

Trash Compactors

Ranges & Cooktops

Freestanding Refrigerators

Hot Water Dispensers

Microwave Ovens

50-Pound Ice Makers

Food Waste Disposers

Washers & Dryers

Dishwashers

Built-in Ovens

Mixers & Blenders

For more information on these appliances, or the one you have purchased, call our toll-free Consumer Assistance Center telephone number, **1-800-422-1230**.



# Index

This index is alphabetical. It contains all the topics included in this manual, along with the page(s) on which you can find each topic.

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Chart .....	27	COOKWARE	
Pans .....	26	Canning .....	15
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Tips .....	26	ENERGY SAVING TIPS .....	15
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# KitchenAid®

## Gas Range

# Warranty

LENGTH OF WARRANTY:	KITCHENAID WILL PAY FOR:	KITCHENAID WILL NOT PAY FOR:
<b>ONE-YEAR FULL WARRANTY</b> FROM DATE OF PURCHASE.	Replacement parts and repair labor costs to correct defects in materials or workmanship. Service must be provided by an authorized KitchenAid servicing outlet.	<b>A. Service calls to:</b> <ol style="list-style-type: none"> <li>1. Correct the installation of the range.</li> <li>2. Instruct you how to use the range.</li> <li>3. Replace house fuses or correct house wiring.</li> <li>4. Correct house plumbing.</li> </ol>
<b>SECOND-THROUGH FIFTH-YEAR LIMITED WARRANTY</b> FROM DATE OF PURCHASE.	Replacement parts for any gas burner to correct defects in materials or workmanship.  Replacement parts for solid state touch control system to correct defects in materials or workmanship.	<b>B. Repairs when range is used in other than normal home use.</b> <b>C. Damage resulting from accident, alteration, misuse, abuse, improper installation, or installation not in accordance with local electrical or plumbing codes.</b> <b>D. Any labor costs during the limited warranties.</b>
<b>SECOND-THROUGH TENTH-YEAR LIMITED WARRANTY</b> FROM DATE OF PURCHASE.	Replacement parts for the porcelain oven cavity/inner door if the part rusts through due to defects in materials or workmanship.	<b>E. Replacement parts or repair labor costs for units operated outside the United States.</b> <b>F. Pickup and delivery. This product is designed to be repaired in the home.</b> <b>G. Repairs to parts or systems caused by unauthorized modifications made to the appliance.</b>

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**KITCHENAID DOES NOT ASSUME ANY RESPONSIBILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**Outside the United States, a different warranty may apply. For details, please contact your authorized KitchenAid dealer.**

If you need service, first see the "Troubleshooting" section of this book. After checking "Troubleshooting," additional help can be found by checking the "Requesting Assistance or Service" section or by calling our Consumer Assistance Center telephone number, **1-800-422-1230**, from anywhere in the U.S.A.

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